

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 101591,355
Source: TELP
Date Processed by STIC: 9/18/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. **EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)**
2. **U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314**

Revised 01/10/06

STIC Biotechnology Systems Branch

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Revised 01/10/06

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 101591,355

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1 Wrapped Nucleic
Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.

3 Misaligned Amino
Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6 PatentIn 2.0
"bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.

7 Skipped Sequences
(OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.

8 Skipped Sequences
(NEW RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000

9 Use of n's or Xaa's
(NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

10 Invalid <213>
Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence

11 Use of <220> Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

12 PatentIn 2.0
"bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13 Misuse of n/Xaa "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/591,355

DATE: 09/18/2006
TIME: 15:16:16

Input Set : A:\ERA-105 SEQUENCES.ST25.txt
Output Set: N:\CRF4\09182006\J591355.raw

3 <110> APPLICANT: UNIVERSIDAD DE BARCELONA
 5 <120> TITLE OF INVENTION: PEPTIDES AS CELL PENETRATING CARRIERS
 7 <130> FILE REFERENCE: ERA 105
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/591,355
 C--> 9 <141> CURRENT FILING DATE: 2006-08-30
 9 <160> NUMBER OF SEQ ID NOS: 8
 11 <170> SOFTWARE: PatentIn version 3.3
 13 <210> SEQ ID NO: 1
 14 <211> LENGTH: 6
 15 <212> TYPE: PRT
 16 <213> ORGANISM: ARTIFICIAL SEQUENCE
 18 <220> FEATURE:
 19 <223> OTHER INFORMATION: ARTIFICIAL SEQUENCE
 21 <400> SEQUENCE: 1
 23 Val His Leu Pro Pro Pro
 24 1 5
 27 <210> SEQ ID NO: 2
 28 <211> LENGTH: 12
 29 <212> TYPE: PRT
 30 <213> ORGANISM: ARTIFICIAL SEQUENCE
 32 <220> FEATURE:
 33 <223> OTHER INFORMATION: ARTIFICIAL SEQUENCE
 35 <400> SEQUENCE: 2
 37 Val His Leu Pro Pro Pro Val His Leu Pro Pro Pro
 38 1 5 10
 41 <210> SEQ ID NO: 3
 42 <211> LENGTH: 18
 43 <212> TYPE: PRT
 44 <213> ORGANISM: ARTIFICIAL SEQUENCE
 46 <220> FEATURE:
 47 <223> OTHER INFORMATION: ARTIFICIAL SEQUENCE
 49 <400> SEQUENCE: 3
 51 Val His Leu Pro Pro Pro Val His Leu Pro Pro Pro Val His Leu Pro
 52 1 5 10 15
 55 Pro Pro
 59 <210> SEQ ID NO: 4
 60 <211> LENGTH: 6
 61 <212> TYPE: PRT
 62 <213> ORGANISM: ARTIFICIAL SEQUENCE
 64 <220> FEATURE:
 65 <223> OTHER INFORMATION: ARTIFICIAL SEQUENCE
 67 <400> SEQUENCE: 4
 69 Val Arg Leu Pro Pro Pro

Pls explain source of genetic material.
Genetic material does not comply with corrected diskette needed (Pg. 1-2)
Invalid Response
Pls explain source of genetic material.
Invalid Response
See item
Invalid Response #11 on error summary sheet.
Invalid Response

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TIME: 15:16:16

Input Set : A:\ERA-105 SEQUENCES.ST25.txt
Output Set: N:\CRF4\09182006\J591355.raw

70 1 5
73 <210> SEQ ID NO: 5
74 <211> LENGTH: 12
75 <212> TYPE: PRT
76 <213> ORGANISM: ARTIFICIAL SEQUENCE
78 <220> FEATURE:
79 <223> OTHER INFORMATION: ARTIFICIAL SEQUENCE Same error
81 <400> SEQUENCE: 5
83 Val Arg Leu Pro Pro Pro Val Arg Leu Pro Pro Pro
84 1 5 10
87 <210> SEQ ID NO: 6
88 <211> LENGTH: 18
89 <212> TYPE: PRT
90 <213> ORGANISM: ARTIFICIAL SEQUENCE Same error
92 <220> FEATURE:
93 <223> OTHER INFORMATION: ARTIFICIAL SEQUENCE Same error
95 <400> SEQUENCE: 6
97 Val Arg Leu Pro Pro Pro Val Arg Leu Pro Pro Pro Val Arg Leu Pro
98 1 5 10 15
101 Pro Pro
105 <210> SEQ ID NO: 7
106 <211> LENGTH: 9
107 <212> TYPE: PRT
108 <213> ORGANISM: ARTIFICIAL SEQUENCE Same error
110 <220> FEATURE:
111 <223> OTHER INFORMATION: ARTIFICIAL SEQUENCE Same error
113 <400> SEQUENCE: 7
115 Arg Lys Lys Arg Arg Gln Arg Arg Arg
116 1 5
119 <210> SEQ ID NO: 8
120 <211> LENGTH: 16
121 <212> TYPE: PRT
122 <213> ORGANISM: ARTIFICIAL SEQUENCE Same error
124 <220> FEATURE:
125 <223> OTHER INFORMATION: ARTIFICIAL SEQUENCE Same error
127 <400> SEQUENCE: 8
129 Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
130 1 5 10 15

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/591,355

DATE: 09/18/2006

TIME: 15:16:17

Input Set : A:\ERA-105 SEQUENCES.ST25.txt
Output Set: N:\CRF4\09182006\J591355.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date